

Notice to Consultants- Density Inspection and Testing
2.26.09

To provide additional agency oversight of nuclear density testing for acceptance, the Michigan Department of Transportation (MDOT) has added new requirements for consulting firms performing this service. All prime and sub consulting firms under contract with MDOT must submit a current Certificate of Calibration for each gauge to be used on MDOT or federal aid projects by March 15, 2009. The calibration report must be from a qualified independent testing firm, and the calibration data shall be generated using a minimum of 3 calibration blocks.

A Certificate of Calibration will be required annually for each gauge a consulting firm intends to use on all MDOT and federal aid projects. The Contract Services Division will not award any new contracts that include density inspection & testing work without verifying that current calibration data is on file with the MDOT Density Technology Unit. If gauges require recalibration during the construction season, new calibration data must be sent to the MDOT Density Technology Unit. Use of gauges without current calibration data on file at MDOT will not be permitted on MDOT or federal aid projects.

Commencing with the 2010 construction season the Certificate of Calibration must contain a valid signature and be reported in accordance with the guidelines detailed in the National Institute of Standards and Technology (NIST) Handbook. Furthermore, the report must contain documentation that the results of the measurements used to determine the density of the calibration blocks are traceable to NIST.

Please mail calibration data to Justin Foster in the MDOT Density Technology Unit at the following address:

MDOT Density Technology Unit
Construction and Technology Division
8885 Ricks Road
Lansing Michigan 48909

Questions can be directed to Justin Foster by phone at 517-322-1234 or by email to fosterju@michigan.gov.

CONSTRUCTION & TECHNOLOGY DIVISION